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EPIDEMIOLOGIC NOTES AND REPORTS

HUMAN VENEZUELAN EQUINE ENCEPHALITIS

Florida

On approximately Aug. 14, 1971, a 75-year-old man from Dade County, Florida, had onset of progressive malaise, myalgia, fever, and cough. He was hospitalized in Miami on August 21 with a temperature of 102° F. and an acutely depressed sensorium. The patient appeared to be inebriated, but his condition rapidly deteriorated into semi-coma, and he responded only to deep pain. Other findings included bilateral basilar rales and a blotchy, erythematous eruption on the chest and abdomen. Lumbar puncture revealed 12 leukocytes per mm³ (four polymorphonuclear leukocytes, eight monocytes), and normal cerebral spinal fluid glucose and protein. Bilateral non-focal cerebral dysrhythmia was evident by EEG. First degree heart block and ST and T wave changes were found by EKG.

Serologic tests showed current infection with Venezuelan equine encephalitis (VEE) virus and infection at an unde-

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terminated time with Herpes simplex virus (Table 1). No serologic evidence of infection was found with the agents of Eastern equine encephalitis, St. Louis encephalitis, Western equine encephalitis, California encephalitis, Murray Valley encephalitis, yellow fever, mumps, vaccinia, varicella, or leptospirosis. Further studies are pending.

The patient remained semi-comatose with daily temperature spikes between 103° and 106° F. for 12 days after admission. Thereafter, his condition gradually improved, and he recovered almost completely in 1 month.

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TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	45th WEEK ENDED		MEDIAN 1966 - 1970	CUMULATIVE, FIRST 45 WEEKS		
	November 13, 1971	November 14, 1970		1971	1970	MEDIAN 1966 - 1970
Aseptic meningitis	112	143	73	4,602	5,423	3,089
Brucellosis	5	4	4	142	187	205
Diphtheria	5	5	7	158	388	206
Encephalitis, primary:						
Arthropod-borne & unspecified	37	46	25	1,341	1,396	1,396
Encephalitis, post-infectious	2	1	1	302	346	422
Hepatitis, serum	169	163	86	7,519	6,328	3,960
Hepatitis, infectious	1,178	1,164	884	52,497	48,878	39,266
Malaria	38	50	48	2,655	2,953	2,038
Measles (rubeola)	287	389	276	71,959	42,057	42,057
Meningococcal infections, total	28	36	33	1,983	2,129	2,251
Civilian	25	21	30	1,772	1,899	2,060
Military	3	15	2	211	230	209
Mumps	1,682	2,034	---	108,296	86,209	---
Poliomyelitis, total	—	2	2	11	26	36
Paralytic	—	2	1	8	26	29
Rubella (German measles)	209	374	317	41,069	52,229	46,086
Tetanus	2	6	4	96	115	150
Tularemia	1	—	—	167	133	150
Typhoid fever	26	9	9	368	302	338
Typhus, tick-borne (Rky. Mt. spotted fever)	2	2	2	394	330	293
Rabies in animals	47	47	47	3,475	2,650	2,994

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	4	Psittacosis: Wisc.-1	35
Botulism:	15	Rabies in Man:	1
Leprosy: Calif.-5, Hawaii-1, N.J.-1	108	Rubella congenital syndrome: Colo.-2	49
Leptospirosis: Tex.-1	28	Trichinosis: Md.-1, NYC-3	86
Plague:	1	Typhus, murine:	21

HUMAN VENEZUELAN EQUINE ENCEPHALITIS – (Continued from front page)

Table 1
Serologic Test Results of Patient with Venezuelan Equine Encephalitis
Dade County, Florida – August-September 1971

Serologic Test	Date of Test		
	Aug. 31	Sept. 10	Sept. 24
Complement Fixation			
1 – VEE (TC-83, TRIN) ¹	< 1:8	1:32	1:64
2 – VEE (FE3-7C, FLA) ²	< 1:8	1:32	1:32
3 – VEE (GJ9-1BJ, GUAT) ²	< 1:8	1:32	1:32
4 – Herpes simplex ¹	1:32	1:32	1:32
Hemagglutination Inhibition			
1 – VEE (TC-83, TRIN) ³	< 1:10	1:40	1:20
Plaque Reduction (Neutralization)			
1 – VEE (FE3-7C, FLA) ²	1:80	≥ 1:640	1:640

¹Bureau of Laboratories, Florida Division of Health

²Arbovirus Reference Laboratory, CDC

³University of Miami School of Medicine

Investigation revealed that the patient frequently goes to a goat farm in the greater Homestead area of Dade County to obtain goat milk. His most recent trip to this area was on Aug. 8, 1971, approximately 1 week before the onset of his

symptoms. Foci in this area are known repositories for the Florida strain of VEE, where it is enzootic in rodents (1). Serologic evidence indicates that much subclinical human infection with this agent occurs here, but clinical central nervous system (CNS) disease is rare.

(Reported by A. K. Ventura, Ph.D., Assistant Professor, N. J. Ehrenkranz, M.D., Professor and Acting Chairman, Department of Epidemiology and Public Health, University of Miami School of Medicine; M. S. Saslaw, M.D., Director, Dade County Health Department, Florida; E. E. Buff, M.S., Chief Virologist, N. J. Schneider, Ph.D., Chief, Bureau of Laboratories, Florida Division of Health; the Arbovirus Reference Laboratory, CDC; and an EIS Officer.)

Editorial Note

This is the third documented case of CNS disease due to VEE in Florida. All three cases occurred in older persons and involved gradual onset, with prolonged prodrome, early respiratory symptoms, semi-coma, and gradual recovery with few residua.

Reference

1. Ehrenkranz NJ, Sinclair MC, Buff E, Lyman DO: The natural occurrence of Venezuelan equine encephalitis in the United States. *New Engl J Med* 282:298-302, 1970

HUMAN ANTHRAX – Louisiana

An epizootic of anthrax occurred in Ascension Parish, Louisiana, in June and July 1971. The epizootic was apparently precipitated by a period of semi-drought followed by heavy rains which induced replication of *Bacillus anthracis* organisms in the soil. Between June 11 and August 31, 460 cattle, 28 horses, and 17 other animals were reported to have died of anthrax in Ascension Parish; 176 cattle, seven horses, and 12 other animals died in nine nearby parishes. Infection appeared to be the result of ingesting intrinsically contaminated soil and grass. Two cases of human anthrax occurred at the time of this epizootic. The case reports are summarized below.

Case 1: On June 14, 1971, a 26-year-old veterinarian necropsied a cow that had died the previous day; he did not wear gloves. The following day, he experienced a tender red nodule on his right forefinger at the site of a pre-existing abrasion and a second nodule on his right thumb where the skin was previously intact. Over the next 3 days, the nodules became pustular and developed a firm, black, central crater. The whole extremity became painful, and the axillary and epitrochlear lymph nodes were enlarged. A low-grade fever was the only other symptom. He suspected cutaneous anthrax and took oral penicillin for 2 days before consulting a physician. Cultures of specimens of the lesions were negative for *B. anthracis*, although large, spore-containing, gram-positive bacilli with flattened ends were readily observed in the exu-

date from the lesions. Cultures of blood specimens were negative for anthrax. Approximately 9 days after the onset of symptoms, the patient's serum showed an indirect hemagglutination (IHA) titer to anthrax of less than 1:4 which rose to 1:128 3 weeks later. He was treated with procaine penicillin, administered in a dose of 1.2 million units intramuscularly (IM) daily for 10 days, and recovered uneventfully.

Case 2: On June 17, a 52-year-old veterinarian necropsied a cow. On June 24, a 6 mm pustule developed on his right wrist. A culture of the pustular fluid grew *B. anthracis*, but blood cultures were negative. IHA testing showed an anthrax titer rise from less than 1:4 to 1:4,096 on paired sera collected 5 weeks apart. On June 28, a 7-day course of procaine penicillin (1.2 million units IM per day) was started. The patient recovered rapidly.

(Reported by James T. Perret, M.D., Health Officer, Ascension and East Baton Rouge Parishes, Louisiana; Claude Songy, Jr., Agricultural Extension Agent, Ascension Parish, Louisiana; Frank B. Wheeler, D.V.M., State Veterinarian, Livestock Sanitary Board, State Department of Agriculture, Baton Rouge, Louisiana; Rudolph E. Kolb, D.V.M., Federal District Veterinarian, U.S. Department of Agriculture, Ascension Parish; Charles T. Caraway, D.V.M., Chief, Section of Epidemiology, Division of Communicable and Preventable Diseases, Louisiana State Department of Health; the Bacterial Diseases Branch, Epidemiology Program, CDC; and an EIS Officer.)

SURVEILLANCE SUMMARY

LEGAL ABORTIONS – United States, 1970

In the United States in 1970, more than 180,000 legal abortions were performed and reported to CDC from 19 states and the District of Columbia. Table 2 shows reported legal abortions for 14 states and the District of Columbia. (Four states did not have statewide abortion reporting sys-

tems in effect for all of 1970.) A total of 175,508 abortions were reported from these jurisdictions, for an overall ratio of 178 abortions per 1,000 live births.

Abortion practices in the United States vary widely, in part due to variations in state abortion laws. Twenty-eight

states restrict legal abortions to situations where it is necessary to preserve the pregnant woman's life. Eighteen others and the District of Columbia allow abortions under a variety of legally specified but less restrictive conditions. Four states with the least restrictive laws allow abortion on the decision of a pregnant woman and her physician.

New York is the only state among those with the least restrictive abortion laws which permits abortions for non-resident women. Between July 1, 1970, the date the New York law went into effect (MMWR, Vol. 20, No. 23), and the end of the year, New York reported the nation's highest abortion to live-birth ratio, 534 abortions per 1,000 live births. More than 36,000 non-resident women received abor-

tions in New York in those 6 months.

The largest number of abortions, reported by age, were obtained by women aged 15-24 (Table 3); however, pregnant women who were either less than 15 or older than 40 had the highest ratios of abortions per 1,000 live births (Table 4). Two-thirds of the abortions reported by marital status were performed on unmarried women (Table 5). Alaska, Georgia, and South Carolina reported abortions by parity. Nearly half (49.2 percent) of the abortions reported from these states were performed on women who had no living children. Four of six states which reported legal abortions by race had higher abortion ratios for white than for black women.

(Continued on page 418)

Table 2
Reported Legal Abortions -- Selected States*, 1970

State	Months		Abortions ²	Live Births ²	Abortions/1,000 Live Births
	Current Law In Effect	Reported Data ¹			
Alaska	5	5	408	3,390	120
California	12	12	62,672	364,007	172
Colorado	12	12	2,263	42,758	53
Delaware	12	12	560	10,234	55
District of Columbia	12	8	4,579 ³	17,067	268
Georgia	12	12	705	96,069	7
Hawaii	9½	9½	2,741 ⁴	13,464	204
Maryland	12	6	3,210	31,739	101
New Mexico ⁵	12	6	797	10,937	73
New York	6	6	87,530	163,847	534
(Upstate)	6	6	(18,535)	(86,632)	(214)
(City)	6	6	(68,995)	(77,215)	(894)
North Carolina	12	12	1,293	98,755	13
Oregon	12	12	7,196	36,167	199
South Carolina	11	11	392	46,306	8
Virginia	6	7	635	46,005	14
Washington	1	1	527	6,345	83
Total			175,508	987,090	178

*All states with data available

¹In some instances, data were not available for all months the current law was in effect.

²Reported legal abortions and live births by place of occurrence. Sources of data specified in surveillance report.

³Abortions reported by all but two hospitals.

⁴"Elective abortions" only.

⁵Data obtained from all New Mexico hospitals for varying 6-month periods in 1970.

Table 3
Legal Abortions by Age -- Selected States*, 1970

State	< 15		15-19		20-24		25-29		30-34		35-39		≥ 40		Unk.		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Alaska ¹	5	1.2	97	23.8	115	28.2	102	25.0	53	13.0	26	6.4	10	2.5	0	0.0	408	100.0
Colorado	61	2.7	695	30.7	697	30.8	364	16.1	214	9.5	226 ²	10.0	—	—	6	0.3	2,263	100.0
Delaware	19	3.4	155	27.7	155	27.7	82	14.6	74	13.2	50	8.9	25	4.5	0	0.0	560	100.0
Georgia	32	4.5	173	24.5	159	22.6	152	21.6	89	12.6	68	9.6	32	4.5	0	0.0	705	100.0
Hawaii ³	19	0.7	526	19.2	1,079	39.4	537	19.6	281	10.3	190	6.9	101	3.7	8	0.3	2,741	100.0
New York City ⁴	125	0.3	9,513	21.6	16,263	37.0	8,278	18.8	5,026	11.4	3,223	7.3	1,260	2.9	271	0.6	43,959	100.0
Up-State New York ⁵	138	0.7	4,490	24.2	6,262	33.8	3,218	17.4	2,102	11.3	1,554	8.4	661	3.6	110	0.6	18,535	100.0
Oregon	100	1.4	2,396	33.3	2,562	35.6	977	13.6	611	8.5	374	5.2	176	2.4	0	0.0	7,196	100.0
South Carolina ⁶	6	1.5	110	28.1	112	28.6	62	15.8	47	12.0	26	6.6	29	7.4	0	0.0	392	100.0
Total	505	0.7	18,155	23.7	27,404	35.7	13,772	17.9	8,497	11.1	5,737	7.5	2,294	3.0	395	0.5	76,759	100.0

*All states with data available

¹July 29-December 31. Provisional data.

²Abortions performed on women 35 or older. Relative magnitude of totals is not affected.

³March 11-December 31, 1970. Elective abortions only.

⁴Represents only abortions reported by certificates filed with the New York City Health Department.

⁵Delayed filing of certificates results in incomplete data on age. July-December.

⁶New York State exclusive of New York City, July-December.

⁷February-December.

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 13, 1971 AND NOVEMBER 14, 1970 (45th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious			
				1971	1970	1971	1971	1970	1971	1971	1970
UNITED STATES.....	112	5	5	37	46	2	169	1,178	1,164	38	2,655
NEW ENGLAND.....	7	-	-	1	1	-	10	66	88	2	78
Maine.*.....	-	-	-	-	-	-	-	10	20	1	5
New Hampshire.*.....	-	-	-	-	-	-	-	1	4	-	-
Vermont.....	-	-	-	-	-	-	-	5	4	-	1
Massachusetts.....	3	-	-	-	-	-	3	25	37	1	54
Rhode Island.....	4	-	-	1	-	-	4	11	15	-	8
Connecticut.....	-	-	-	-	1	-	3	14	8	-	10
MIDDLE ATLANTIC.....	9	-	-	5	9	-	68	203	229	5	263
New York City.....	-	-	-	-	1	-	28	41	53	-	24
New York, Up-State...	6	-	-	3	-	-	16	67	44	-	72
New Jersey.....	1	-	-	-	2	-	22	77	47	5	111
Pennsylvania.....	2	-	-	2	6	-	2	18	85	-	56
EAST NORTH CENTRAL.....	12	1	-	13	22	2	15	136	193	5	171
Ohio.....	3	-	-	8	18	-	3	39	77	-	22
Indiana.....	4	-	-	-	-	-	1	7	8	-	14
Illinois.....	-	-	-	4	-	2	1	19	25	4	52
Michigan.....	5	1	-	1	4	-	9	66	75	1	53
Wisconsin.*.....	-	-	-	-	-	-	1	5	8	-	30
WEST NORTH CENTRAL.....	8	1	-	12	2	-	4	28	61	2	242
Minnesota.....	8	-	-	6	1	-	-	6	10	-	36
Iowa.....	-	1	-	-	-	-	1	4	2	-	26
Missouri.....	-	-	-	-	-	-	-	5	6	-	27
North Dakota.....	-	-	-	-	-	-	-	3	10	-	3
South Dakota.....	-	-	-	-	-	-	-	-	1	-	2
Nebraska.....	-	-	-	-	-	-	-	-	-	-	14
Kansas.....	-	-	-	6	1	-	3	10	32	2	134
SOUTH ATLANTIC.....	23	1	-	2	3	-	16	186	97	2	395
Delaware.....	-	-	-	-	1	-	-	1	1	-	2
Maryland.....	-	-	-	-	-	-	2	20	17	-	52
Dist. of Columbia....	2	-	-	-	-	-	-	3	3	-	4
Virginia.....	2	1	-	-	-	-	4	58	16	1	66
West Virginia.....	-	-	-	-	-	-	1	23	6	-	7
North Carolina.....	5	-	-	1	-	-	4	31	11	-	135
South Carolina.....	3	-	-	-	-	-	1	10	4	-	20
Georgia.....	2	-	-	-	-	-	-	19	3	-	67
Florida.....	9	-	-	1	2	-	4	21	36	1	42
EAST SOUTH CENTRAL.....	12	-	-	-	-	-	3	59	61	-	289
Kentucky.....	5	-	-	-	-	-	-	20	15	-	259
Tennessee.....	6	-	-	-	-	-	3	25	38	-	-
Alabama.....	1	-	-	-	-	-	-	9	5	-	21
Mississippi.....	-	-	-	-	-	-	-	5	3	-	9
WEST SOUTH CENTRAL.....	13	1	5	2	-	-	12	117	63	11	523
Arkansas.....	-	-	-	-	-	-	-	3	2	1	20
Louisiana.....	9	-	1	-	-	-	7	14	9	-	38
Oklahoma.....	-	-	-	2	-	-	-	19	5	-	71
Texas.....	4	1	4	-	-	-	5	81	47	10	394
MOUNTAIN.....	11	-	-	1	3	-	3	66	68	2	151
Montana.....	-	-	-	-	-	-	-	4	9	-	1
Idaho.....	-	-	-	-	1	-	-	4	1	-	5
Wyoming.....	-	-	-	-	-	-	-	1	2	-	3
Colorado.....	1	-	-	1	-	-	2	28	30	2	117
New Mexico.....	-	-	-	-	2	-	-	7	8	-	11
Arizona.....	-	-	-	-	-	-	1	14	15	-	9
Utah.....	10	-	-	-	-	-	-	8	1	-	3
Nevada.....	-	-	-	-	-	-	-	-	2	-	2
PACIFIC.....	17	1	-	1	6	-	38	317	304	9	543
Washington.....	-	-	-	-	-	-	3	15	31	-	2
Oregon.....	-	-	-	-	-	-	1	25	22	-	20
California.....	17	1	-	1	6	-	34	270	244	7	460
Alaska.....	-	-	-	-	-	-	-	2	2	-	6
Hawaii.....	-	-	-	-	-	-	-	5	5	2	55
Puerto Rico*.....	-	-	-	-	-	-	-	-	20	-	23
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Hepatitis, infectious: Me. 1, N.H. 2, P.R. 5
Malaria: Wisc. 5

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
NOVEMBER 13, 1971 AND NOVEMBER 14, 1970 (45th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1971	Cumulative		1971	Cumulative		1971	Cum. 1971	Total 1971	Paralytic	
		1971	1970		1971	1970				1971	Cum. 1971
UNITED STATES.....	287	71,959	42,057	28	1,983	2,129	1,682	108,296	-	-	8
NEW ENGLAND.....	4	3,478	939	-	95	95	89	6,518	-	-	-
Maine.*.....	1	1,470	241	-	8	5	7	1,232	-	-	-
New Hampshire.....	-	211	60	-	22	9	1	667	-	-	-
Vermont.....	-	118	8	-	-	8	19	426	-	-	-
Massachusetts.....	2	254	410	-	34	39	34	1,605	-	-	-
Rhode Island.....	-	238	120	-	3	6	6	1,230	-	-	-
Connecticut.....	1	1,187	100	-	28	28	22	1,358	-	-	-
MIDDLE ATLANTIC.....	19	7,635	5,040	3	268	386	46	6,495	-	-	-
New York City.....	3	3,790	966	-	55	87	13	1,886	-	-	-
New York, Up-State...	6	694	338	1	81	75	NN	NN	-	-	-
New Jersey.....	8	1,225	1,714	1	60	153	17	1,720	-	-	-
Pennsylvania.....	2	1,926	2,022	1	72	71	16	2,889	-	-	-
EAST NORTH CENTRAL.....	107	15,962	10,099	6	232	248	525	43,067	-	-	-
Ohio.....	3	4,034	3,864	1	74	90	87	8,067	-	-	-
Indiana.....	11	2,772	274	1	19	22	31	5,246	-	-	-
Illinois.....	23	3,088	3,125	3	66	64	89	4,657	-	-	-
Michigan.....	16	2,459	1,800	1	58	61	100	9,958	-	-	-
Wisconsin.....	54	3,609	1,036	-	15	11	218	15,139	-	-	-
WEST NORTH CENTRAL.....	36	7,047	3,904	2	142	112	245	8,046	-	-	-
Minnesota.....	-	55	40	-	26	19	38	1,244	-	-	-
Iowa.....	31	2,465	1,167	-	12	13	172	4,143	-	-	-
Missouri.....	1	2,605	1,276	2	49	59	2	1,041	-	-	-
North Dakota.....	-	238	320	-	6	5	6	360	-	-	-
South Dakota.....	2	221	96	-	6	1	3	253	-	-	-
Nebraska.....	2	69	937	-	15	8	12	162	-	-	-
Kansas.....	-	1,394	68	-	28	7	12	843	-	-	-
SOUTH ATLANTIC.....	29	8,678	7,352	3	346	414	133	7,812	-	-	1
Delaware.....	-	42	267	-	2	3	5	180	-	-	-
Maryland.....	1	553	1,379	-	50	42	5	714	-	-	-
Dist. of Columbia...	-	15	344	-	13	3	1	94	-	-	-
Virginia.....	3	1,605	2,035	-	40	44	6	1,008	-	-	-
West Virginia.....	2	538	325	-	11	12	67	2,179	-	-	-
North Carolina.....	9	1,949	889	-	59	88	NN	NN	-	-	-
South Carolina.....	2	919	606	-	20	46	1	886	-	-	-
Georgia.....	5	1,133	17	-	24	36	-	11	-	-	1
Florida.....	7	1,924	1,490	3	127	140	48	2,740	-	-	-
EAST SOUTH CENTRAL.....	16	8,412	1,535	3	181	158	102	8,202	-	-	-
Kentucky.....	-	3,962	885	-	53	58	13	2,427	-	-	-
Tennessee.....	-	1,025	408	2	71	65	68	4,667	-	-	-
Alabama.....	16	1,954	148	1	31	24	20	957	-	-	-
Mississippi.....	-	1,471	94	-	26	11	1	151	-	-	-
WEST SOUTH CENTRAL.....	12	12,628	8,431	4	173	272	113	8,834	-	-	3
Arkansas.....	-	778	30	-	5	23	10	114	-	-	-
Louisiana.....	1	1,701	162	2	64	65	1	144	-	-	-
Oklahoma.....	-	757	731	2	10	21	1	184	-	-	-
Texas.....	11	9,392	7,508	-	94	163	101	8,392	-	-	3
MOUNTAIN.....	13	3,415	1,685	1	60	51	55	4,380	-	-	2
Montana.....	-	925	101	-	7	1	2	411	-	-	-
Idaho.....	-	272	95	-	11	7	1	146	-	-	-
Wyoming.....	-	85	11	-	2	2	8	316	-	-	-
Colorado.....	-	836	187	-	7	17	26	1,463	-	-	1
New Mexico.....	1	399	250	1	5	2	10	692	-	-	-
Arizona.*.....	8	555	984	-	8	16	4	1,181	-	-	-
Utah.....	4	336	36	-	17	5	4	171	-	-	-
Nevada.....	-	7	21	-	3	1	-	-	-	-	1
PACIFIC.....	51	4,704	3,072	6	486	393	374	14,942	-	-	2
Washington.....	8	1,070	622	1	30	44	136	6,013	-	-	1
Oregon.....	1	377	388	-	39	29	65	1,505	-	-	1
California.....	19	2,720	1,732	5	407	317	171	6,422	-	-	-
Alaska.....	-	56	141	-	1	-	-	94	-	-	-
Hawaii.....	23	481	189	-	9	3	2	908	-	-	-
Puerto Rico.*.....	-	576	967	-	10	5	-	1,129	-	-	-
Virgin Islands.....	-	17	8	-	-	3	5	74	-	-	-

*Delayed reports: Measles: Me. 3, Ariz. 100, P.R. 23
Mumps: Me. 1, P.R. 16

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 13, 1971 AND NOVEMBER 14, 1970 (45th WEEK) - CONTINUED

AREA	RUBELLA		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971
UNITED STATES.....	209	41,069	2	96	1	167	26	368	2	394	47	3,475
NEW ENGLAND.....	12	1,793	-	6	-	1	-	16	-	5	2	202
Maine.....	-	270	-	-	-	-	-	1	-	-	2	178
New Hampshire.....	-	46	-	2	-	-	-	-	-	-	-	3
Vermont.....	-	102	-	-	-	-	-	-	-	-	-	12
Massachusetts.....	7	845	-	1	-	-	-	11	-	3	-	8
Rhode Island.....	1	102	-	-	-	-	-	-	-	2	-	1
Connecticut.....	4	428	-	3	-	1	-	4	-	-	-	-
MIDDLE ATLANTIC.....	14	2,626	-	8	-	-	21	91	-	37	1	146
New York City.....	8	584	-	5	-	-	3	21	-	1	-	-
New York, Up-State..	1	431	-	1	-	-	-	14	-	17	1	126
New Jersey.....	4	593	-	1	-	-	-	8	-	9	-	-
Pennsylvania.....	1	1,018	-	1	-	-	18	48	-	10	-	20
EAST NORTH CENTRAL....	61	8,903	-	13	-	5	-	51	-	19	4	360
Ohio.....	8	1,011	-	2	-	1	-	20	-	14	2	107
Indiana.....	15	2,126	-	2	-	-	-	6	-	-	2	77
Illinois.....	5	1,322	-	6	-	1	-	13	-	3	-	68
Michigan.....	16	2,785	-	3	-	1	-	7	-	2	-	45
Wisconsin.....	17	1,659	-	-	-	2	-	5	-	-	-	63
WEST NORTH CENTRAL....	5	3,270	-	6	-	19	-	4	-	8	13	971
Minnesota.....	2	280	-	3	-	-	-	-	-	-	5	222
Iowa.....	3	713	-	1	-	-	-	-	-	2	1	213
Missouri.....	-	1,369	-	2	-	15	-	4	-	4	2	138
North Dakota.....	-	96	-	-	-	-	-	-	-	-	2	167
South Dakota.....	-	98	-	-	-	1	-	-	-	-	-	120
Nebraska.....	-	93	-	-	-	-	-	-	-	-	-	6
Kansas.....	-	621	-	-	-	3	-	-	-	2	3	105
SOUTH ATLANTIC.....	23	3,244	1	22	-	23	2	50	1	205	6	384
Delaware.....	-	50	-	-	-	-	-	1	-	2	-	-
Maryland.....	3	162	-	1	-	4	-	4	-	31	-	1
Dist. of Columbia...	-	8	1	2	-	-	1	3	-	-	-	-
Virginia.....	2	220	-	3	-	9	-	15	1	35	2	72
West Virginia.....	12	701	-	-	-	-	-	4	-	4	1	118
North Carolina.....	2	49	-	1	-	4	-	4	-	106	-	7
South Carolina.....	-	439	-	1	-	-	-	2	-	14	-	-
Georgia.....	-	1	-	2	-	4	-	2	-	13	1	133
Florida.....	4	1,614	-	12	-	2	1	15	-	-	2	53
EAST SOUTH CENTRAL....	13	3,928	1	14	-	12	2	45	-	63	3	316
Kentucky.....	5	1,724	-	2	-	2	1	11	-	13	3	161
Tennessee.....	6	1,920	1	7	-	7	1	25	-	34	-	99
Alabama.....	2	211	-	4	-	2	-	8	-	9	-	52
Mississippi.....	-	73	-	1	-	1	-	1	-	7	-	4
WEST SOUTH CENTRAL....	17	4,906	-	16	-	62	-	35	1	45	5	688
Arkansas.....	-	337	-	1	-	25	-	11	-	5	2	92
Louisiana.....	-	287	-	3	-	8	-	6	-	1	2	37
Oklahoma.....	-	74	-	2	-	17	-	3	1	28	-	267
Texas.....	17	4,208	-	10	-	12	-	15	-	11	1	292
MOUNTAIN.....	7	2,000	-	2	1	40	-	9	-	12	1	69
Montana.....	-	116	-	-	1	2	-	-	-	3	-	-
Idaho.....	-	40	-	1	-	1	-	-	-	4	-	-
Wyoming.....	-	860	-	-	-	-	-	-	-	-	-	11
Colorado.....	3	303	-	-	-	-	-	2	-	2	-	11
New Mexico.....	1	235	-	-	-	-	-	5	-	1	-	9
Arizona.....	3	364	-	1	-	-	-	2	-	-	1	24
Utah.....	-	67	-	-	-	37	-	-	-	1	-	10
Nevada.....	-	15	-	-	-	-	-	-	-	1	-	4
PACIFIC.....	57	10,399	-	9	-	5	1	67	-	-	12	339
Washington.....	21	1,444	-	1	-	-	-	1	-	-	-	-
Oregon.....	4	776	-	1	-	3	-	-	-	-	-	9
California.....	28	7,956	-	7	-	2	1	61	-	-	12	296
Alaska.....	-	50	-	-	-	-	-	1	-	-	-	34
Hawaii.....	4	173	-	-	-	-	-	4	-	-	-	-
Puerto Rico.....	-	62	-	7	-	-	-	3	-	-	-	69
Virgin Islands.....	-	1	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Typhoid Fever: Pa. delete 2, Wash. 1

Week No.

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED NOVEMBER 13, 1971

45

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	708	425	36	32	SOUTH ATLANTIC:	1,155	628	49	54
Boston, Mass.-----	184	100	12	13	Atlanta, Ga.-----	128	60	4	7
Bridgeport, Conn.-----	45	23	2	1	Baltimore, Md.-----	232	112	6	15
Cambridge, Mass.-----	26	17	5	1	Charlotte, N. C.-----	54	27	—	4
Fall River, Mass.-----	21	12	2	—	Jacksonville, Fla.-----	66	39	1	2
Hartford, Conn.-----	73	37	—	4	Miami, Fla.-----	112	69	4	5
Lowell, Mass.-----	36	23	2	—	Norfolk, Va.-----	48	26	2	1
Lynn, Mass.-----	25	15	—	1	Richmond, Va.-----	82	53	4	2
New Bedford, Mass.-----	32	23	2	1	Savannah, Ga.-----	49	30	4	3
New Haven, Conn.-----	71	47	2	6	St. Petersburg, Fla.-----	71	60	8	1
Providence, R. I.-----	57	33	3	4	Tampa, Fla.-----	76	37	4	2
Somerville, Mass.-----	12	8	—	—	Washington, D. C.-----	187	86	7	9
Springfield, Mass.-----	51	31	5	—	Wilmington, Del.-----	50	29	5	3
Waterbury, Conn.-----	30	21	—	—					
Worcester, Mass.-----	45	35	1	1	EAST SOUTH CENTRAL:	685	350	27	46
MIDDLE ATLANTIC:	3,283	1,922	104	111	Birmingham, Ala.-----	100	48	4	8
Albany, N. Y.-----	45	31	2	1	Chattanooga, Tenn.-----	64	32	8	6
Allentown, Pa.-----	29	16	2	1	Knoxville, Tenn.-----	37	19	1	—
Buffalo, N. Y.-----	133	58	1	2	Louisville, Ky.-----	136	72	6	5
Camden, N. J.-----	37	23	3	—	Memphis, Tenn.-----	146	73	1	18
Elizabeth, N. J.-----	29	17	2	—	Montgomery, Ala.-----	57	30	1	4
Erie, Pa.-----	39	28	3	1	Nashville, Tenn.-----	94	50	2	5
Jersey City, N. J.-----	71	44	1	2					
Newark, N. J.-----	74	33	1	2	WEST SOUTH CENTRAL:	1,253	634	40	93
New York City, N. Y.†-----	1,560	914	46	69	Austin, Tex.-----	33	20	3	1
Paterson, N. J.-----	33	22	4	2	Baton Rouge, La.-----	41	21	3	2
Philadelphia, Pa.-----	603	357	5	13	Corpus Christi, Tex.-----	39	16	1	3
Pittsburgh, Pa.-----	179	95	9	9	Dallas, Tex.-----	176	83	2	12
Reading, Pa.-----	40	21	2	1	El Paso, Tex.-----	64	33	2	9
Rochester, N. Y.-----	109	71	6	3	Fort Worth, Tex.-----	97	49	2	6
Schenectady, N. Y.-----	24	15	1	—	Houston, Tex.-----	257	107	6	27
Scranton, Pa.-----	34	23	2	2	Little Rock, Ark.-----	58	37	1	6
Syracuse, N. Y.-----	125	82	1	3	New Orleans, La.-----	176	92	6	8
Trenton, N. J.-----	54	31	1	—	Oklahoma City, Okla.-----	77	49	2	5
Utica, N. Y.-----	38	24	7	—	San Antonio, Tex.-----	121	62	2	10
Yonkers, N. Y.-----	27	17	5	—	Shreveport, La.-----	63	34	5	3
EAST NORTH CENTRAL:	2,724	1,524	84	137	Tulsa, Okla.-----	51	31	5	1
Akron, Ohio-----	58	39	—	3	MOUNTAIN:	479	269	17	21
Canton, Ohio-----	28	17	—	—	Albuquerque, N. Mex.-----	51	19	2	2
Chicago, Ill.-----	736	375	22	42	Colorado Springs, Colo.-----	32	18	4	2
Cincinnati, Ohio-----	179	103	9	9	Denver, Colo.-----	123	68	5	8
Cleveland, Ohio-----	228	125	1	13	Ogden, Utah-----	17	10	1	1
Columbus, Ohio-----	138	69	13	8	Phoenix, Ariz.-----	128	74	—	3
Dayton, Ohio-----	114	56	3	9	Pueblo, Colo.-----	27	22	1	1
Detroit, Mich.-----	354	197	6	12	Salt Lake City, Utah-----	41	20	2	2
Evansville, Ind.-----	53	35	3	1	Tucson, Ariz.-----	60	38	2	2
Flint, Mich.-----	49	31	1	3					
Fort Wayne, Ind.-----	52	29	1	1	PACIFIC:	1,592	981	33	63
Gary, Ind.-----	25	10	3	3	Berkeley, Calif.-----	21	16	—	—
Grand Rapids, Mich.-----	44	33	3	—	Fresno, Calif.-----	58	33	2	3
Indianapolis, Ind.-----	179	99	3	13	Glendale, Calif.-----	32	22	2	—
Madison, Wis.-----	39	15	3	7	Honolulu, Hawaii-----	51	34	2	4
Milwaukee, Wis.-----	128	89	2	2	Long Beach, Calif.-----	101	59	—	1
Peoria, Ill.-----	40	25	—	4	Los Angeles, Calif.-----	418	263	7	15
Rockford, Ill.-----	39	25	2	1	Oakland, Calif.-----	103	50	1	9
South Bend, Ind.-----	20	18	1	—	Pasadena, Calif.-----	51	37	—	4
Toledo, Ohio-----	155	95	5	4	Portland, Oreg.-----	133	86	4	4
Youngstown, Ohio-----	66	39	1	2	Sacramento, Calif.-----	74	42	2	5
WEST NORTH CENTRAL:	842	522	32	43	San Diego, Calif.-----	106	57	2	3
Des Moines, Iowa-----	38	30	3	2	San Francisco, Calif.-----	151	92	3	7
Duluth, Minn.-----	38	19	1	1	San Jose, Calif.-----	47	31	1	1
Kansas City, Kans.-----	36	12	1	4	Seattle, Wash.-----	149	91	3	7
Kansas City, Mo.-----	150	82	1	7	Spokane, Wash.-----	58	46	3	—
Lincoln, Nebr.-----	33	23	1	4	Tacoma, Wash.-----	39	22	1	—
Minneapolis, Minn.-----	98	61	2	3	Total	12,721	7,255	422	600
Omaha, Nebr.-----	73	49	1	3	Expected Number	12,689	7,269	455	577
St. Louis, Mo.-----	237	163	6	9	Cumulative Total (includes reported corrections for previous weeks)	572,552	328,304	20,654	25,767
St. Paul, Minn.-----	80	45	3	7					
Wichita, Kans.-----	59	38	13	3					
Las Vegas, Nev.*	20	5	1	2					

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

LEGAL ABORTIONS — (Continued from page 413)

Two-thirds of the legal abortions were performed by the end of the 12th week of gestation; 97.5 percent were performed by the end of the 20th week. In seven states which reported the type of operative procedure used, 76 percent of the abortions were performed by either suction or sharp curettage.

(Reported by the Family Planning Evaluation Activity, Epidemiology Program, CDC.)

Table 4
Age-Specific Legal Abortion Ratios¹ — Selected States*, 1970

State	< 15	15-19	20-24	25-29	30-34	35-39	≥ 40	Over-all
Alaska	1,667	191	91	120	125	101	114	120
Colorado	1,419	100	42	32	43	762	—	55
Delaware	463	75	42	33	61	83	144	55
Georgia	67	8	4	7	9	14	20	7
Hawaii	731	304	217	133	159	261	543	204
New York City	812	1,053	610	375	431	535	777	569
Up-State New York	798	408	193	140	180	246	318	214
Oregon	2,778	370	169	114	167	207	374	199
South Carolina	26	10	6	6	10	11	37	8
Overall	425	256	178	134	169	221	326	186

*All states with data available

¹Calculated as the number of legal abortions in women of a given age group per 1,000 live births to women of the same age group. Sources of data are specified in the surveillance report.

²Colorado reports oldest age group as ≥ 35. The relative magnitude of the overall ratios would not be changed by further age breakdown.

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The data in this report are provisional, based on weekly telegraphs to CDC by state health departments. The reporting week concludes at close of business on Friday; compiled data on a national basis are officially released to the public on the succeeding Friday.

Table 5

Legal Abortions by Marital Status — Selected States*, 1970

State	Married		Unmarried ¹		Unknown		Total	
	No.	%	No.	%	No.	%	No.	%
Alaska ²	157	38.5	249	61.0	2	0.5	408	100.0
Delaware	169	30.2	391	69.8	0	0.0	560	100.0
Georgia	308	43.7	397	56.3	0	0.0	705	100.0
Maryland ³	1,015	31.6	2,182	68.0	13	0.4	3,210	100.0
Up-State N.Y. ⁴	6,894	37.2	11,641	62.8	0	0.0	18,535	100.0
Oregon	1,655	23.0	5,541	77.0	0	0.0	7,196	100.0
South Carolina ⁵	146	37.2	246	62.8	0	0.0	392	100.0
Total	10,344	33.4	20,647	66.6	15	0.0	31,006	100.0

*All states with data available

¹Unmarried includes women who are separated, widowed, divorced, and women who have never married.

²Provisional figures, July 29-December 31.

³July-December.

⁴New York State, exclusive of New York City, July-December.

⁵February-December.

A copy of the original report from which these data were derived is available on request from

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Erratum, Vol. 20, No. 43, p. 402

In the article "Shigellosis Related to an Airplane Meal," correct Table 2: the line for "water" under "Did Not Eat" should read "12, 21, 36."

In addition to the established procedures for reporting morbidity and mortality, the editor welcomes accounts of interesting outbreaks or case investigations of current interest to health officials.

Address all correspondence to: Center for Disease Control
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